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January 26,1973
date

from the desk of: ARTHUR FURST, PH.D.

to: Dr. Frederic W. Nordsiek
Council for Tobacco Research-USA,Inc
110 East 59th Street
New York, New York 10022

return: yes ___ no ___

answer: yes ___ no ___

route or cc to:

subject: Comments on Proposal by Dr. Sobel ~~(Case 132)~~ Agglic #886

This proposal is on target, and can yield much needed information on effect of asbestos on animals exposed to smoke.

I should like to caution the investigators about certain pitfalls. This project should be monitored (and if necessary I can consult).

Please note following comments.

1. Chrysotile asbestos used should be UICC standard and must be obtained from Pneumoconiosis Research Unit of Medical Research Council, Llandough Hospital, Penarth, Glam., Wales. Only UICC standards will be acceptable to scientific community.

2. No alteration can be made in the UICC sample sent. Investigator should read Timbrell, V. Powder Technology 5, 279-287 (1971/72). I have reprint in my files. This is in contrast to their reference #6 Badollet of 1965. Also a copy of a personal letter by Dr. Timbrell to me is with Dr. J.H. Kreisher.

3. The investigators should be aware of the dust cloud method for administering asbestos. Timbrell published a simple device (Ann. Occup. Hyg. II, 273-281 (1968). I am not suggesting inhalation over intratracheal administration, but call their attention to the alternate route of administration.

4. I do like the idea of doing analysis on the asbestos for metal content. The UICC standards should come with analytical data.

5. Nembutal anesthesia may induce the enzymes which hydroxylate the benzo(a) pyrene. A different brand of Pentabarbital (Diabutal) seemed better in our laboratories.

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Source: https://www.industrydocuments.ucsf.edu/docs/[illegible]

6. They should be aware of Dantenvill's experiments where he obtained tumors in the respiratory tract other than the lungs using hamsters.

7. When these points are resolved, I feel the project will use a good one.

Sincerely yours,

Arthur Furst, Ph.D.

bcc: Drs. Andervont
Hueber
Koosli
Gardner
Hockett
Sommers

(also Mar. '73 agenda book)

100353842